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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/582,615
				Filing Date	June 12, 2006
				First Named Inventor	Taichi Majima
				Group Art Unit	2611
				Examiner Name	Zewdu A. Kassa
Sheet	1	of	3	Attorney Docket Number	0670-7078

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		2009/0202065		Majima	08/13/2009	
		2005/0047323		Clarkson et al.	03/03/2005	
		2007/0136637		Majima	06/14/2007	
		5,214,656		Chung et al.	05/25/1993	
		5,566,213		Carsello	10/15/1996	
		5,677,681		Tanaka et al.	10/14/1997	
		4,984,191		Vermesse	01/08/1991	
		6,311,306		White et al.	10/30/2001	
		5,828,672		Labonte et al.	10/27/1998	
		4,277,778		Persson	07/07/1981	
		5,473,612		Dehner, Jr. et al.	12/05/1995	
		2009/0193309		Majima	07/30/2009	
		4,534,040		Thapar	08/06/1985	
		4,616,702		Hanson et al.	10/14/1986	
		6,232,906		Tada	05/15/2001	
		6,512,748		Mizuki et al.	01/28/2003	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	2003-049392			06/12/2003		Abst.
		CA	2,300,852			03/11/1999		Eng.
		JP	2003-174485			07/07/1981		Full
		JP	2003-338852			11/28/2003		Abst.
		EP	1 388 965			02/11/2004		Eng.
		WO	2003/063465			07/31/2003		Eng.
		EP	1 732 258			12/13/2006		Eng.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Office Action (U.S. Application Serial No. 11/663,552) dated December 16, 2009.	Eng.
		Office Action (U.S. Application Serial No. 11/663,552) dated June 10, 2010.	Eng.
		Office Action (U.S. Application Serial No. 11/663,552) dated October 20, 2010	Eng.
		Office Action (U.S. Application Serial No. 11/663,552) dated February 28, 2011.	Eng.
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		Number	Kind Code ² (if known)			
		4,888,799		Mobley	12/19/1989	
		2003/0206602		Yamamoto	11/06/2003 [*]	
		2009/0202066		Majima	08/13/2009	
		2009/0193309		Majima	07/30/2009	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	2002/069546			09/06/2002		Abst.
		JP	2004/200972			07/15/2004		Mach Trans
		JP	63-174445			07/18/1988		Abst.

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		Written Notification of Reason for Refusal (Application No. JP 2003-409688) dated July 8, 2008.	Full
		Supplementary European Search Report (Application No. 04801628.8) dated December 16, 2008.	Eng.
		Office Action (U.S. Application No. 10/581,667) dated September 1, 2009.	Eng.
		Office Action (U.S. Application No. 10/581,667) dated March 10, 2010.	Eng.
		Office Action (U.S. Application No. 10/581,667) dated September 10, 2010	Eng.

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		Office Action (U.S. Application No. 10/581,667) dated March 14, 2011.	Eng.
		European Search Report (Application No. 09005333.1) dated June 19, 2009.	Eng.
		Office Action (U.S. Application No. 12/419,559) dated March 12, 2010.	Eng.
		Office Action (U.S. Application No. 12/419,559) dated September 14, 2010.	Eng.
		Office Action (U.S. Application No. 12/419,559) dated March 18, 2011.	Eng.
		Office Action (U.S. Application No. 12/420,313) dated July 30, 2010.	Eng.
		Office Action (U.S. Application No. 12/420,313) dated December 2, 2010.	Eng.
		International Search Report (Application No. PCT/JP 2005/018492) dated January 24, 2006.	None
		Notification of Translation of Copies of Translation of International Preliminary Report on Patentability (Application No. PCT/JP 2005/018492) dated June 28, 2007.	Eng.
		Office Action (JP 2004-287157) dated April 6, 2010	Eng.
		JP 05-284147 Machine Translation	Eng.
		HARRIS, et al., "The ABCs of Linear Block Codes," IEEE Signal Processing Magazine, July 2004, Pages 14-35.	Eng.
		PARKER, "Computer Crime: Criminal Justice Resource Manual," U.S. Department of Justice, Office of Justice Programs, August 1989, Pages 1-223.	Eng.
		Notification of Transmittal of Copies of Translation of the International Preliminary Report (Application No. PCT/JP2004/018536) dated August 31, 2006.	Eng.

Examiner Signature	/Zewdu Kassa/	Date Considered	07/11/2011
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